

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040917.D
 Acq On : 13 May 2019 18:48
 Operator : HP/JU
 Sample : IDOCBL-S-RC
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOCBL-S-RC

Quant Time: May 14 02:05:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

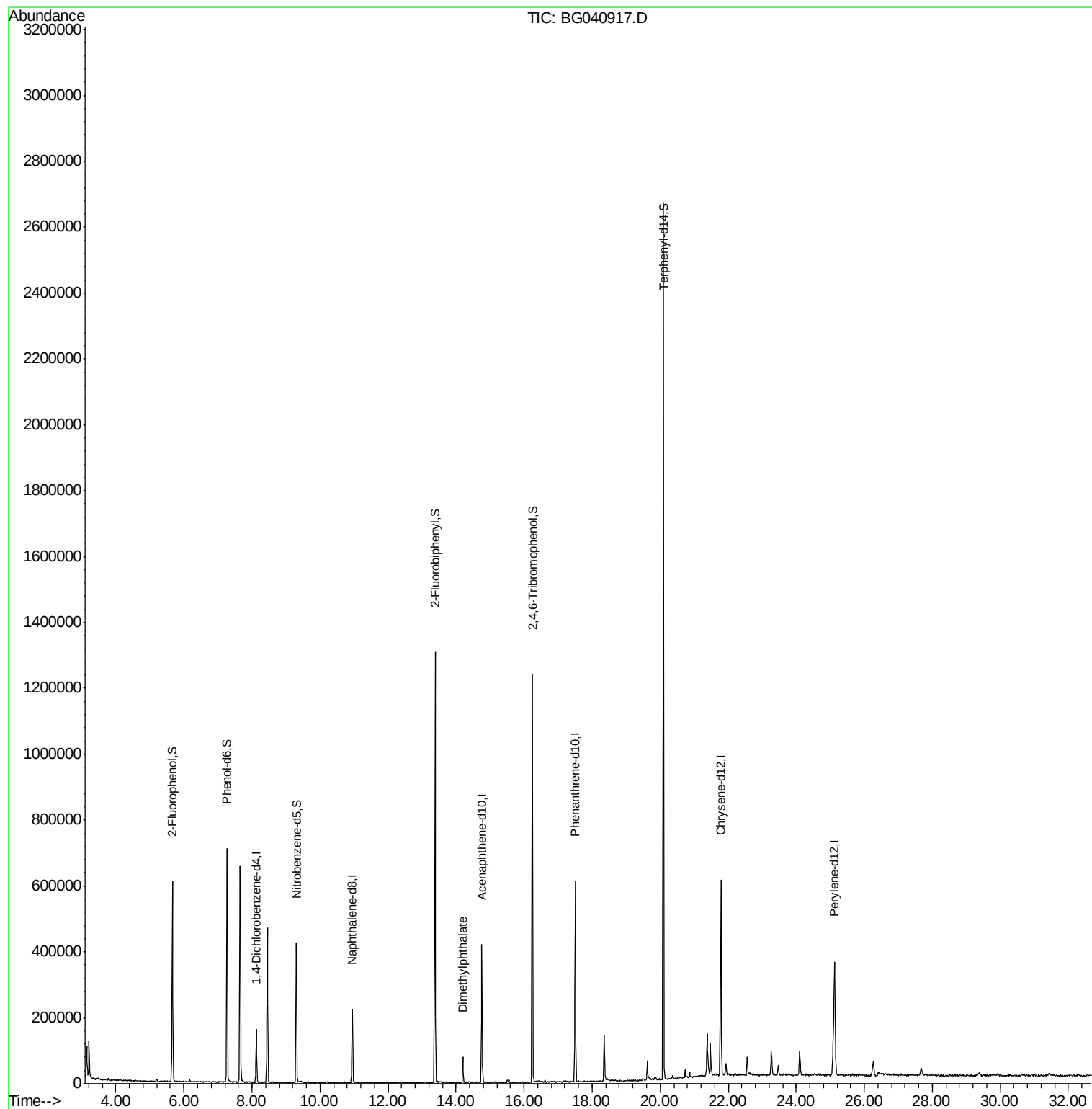
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42449	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	176471	20.00	ng	-0.04
39) Acenaphthene-d10	14.76	164	142394	20.00	ng	-0.04
64) Phenanthrene-d10	17.50	188	371626	20.00	ng	-0.04
76) Chrysene-d12	21.78	240	374861	20.00	ng	-0.05
87) Perylene-d12	25.13	264	404383	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	239051	99.27	ng	-0.02
7) Phenol-d6	7.27	99	367851	99.21	ng	-0.03
23) Nitrobenzene-d5	9.30	82	250958	65.71	ng	-0.04
42) 2,4,6-Tribromophenol	16.24	330	219553	112.17	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	651283	66.05	ng	-0.04
79) Terphenyl-d14	20.10	244	1234805	72.98	ng	-0.04
Target Compounds						
50) Dimethylphthalate	14.20	163	47977	4.027	ng	Qvalue # 95

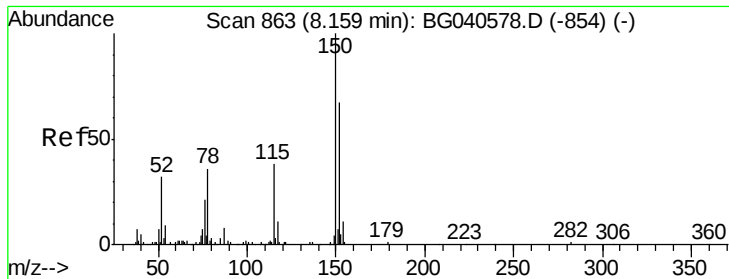
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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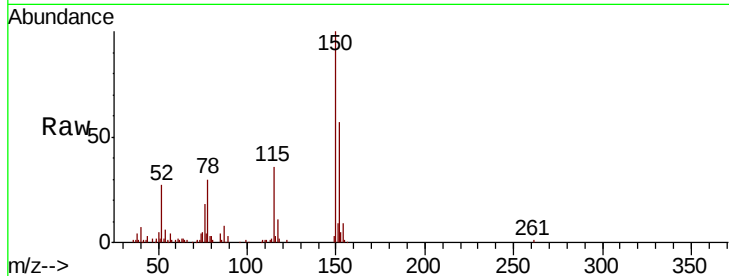


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tot Ion	Ratio	Lower	Upper
152	100		
150	174.3	120.2	180.2
115	63.6	46.2	69.2

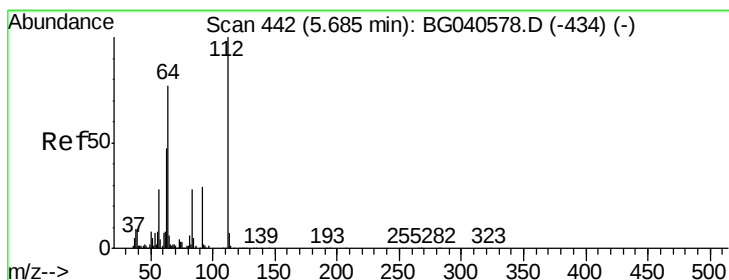
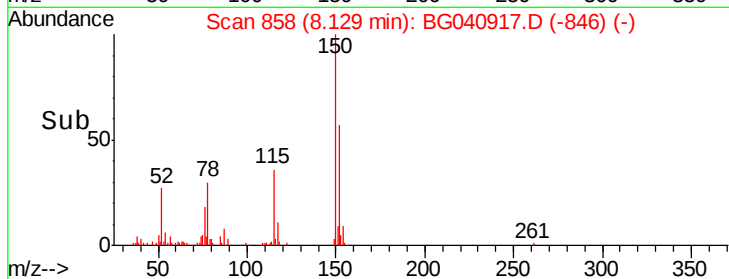
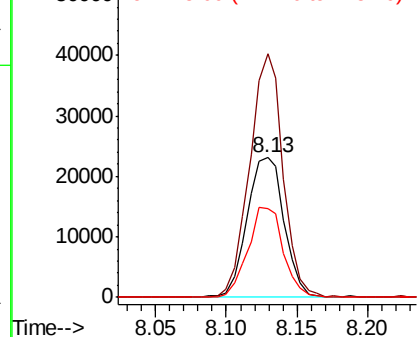


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

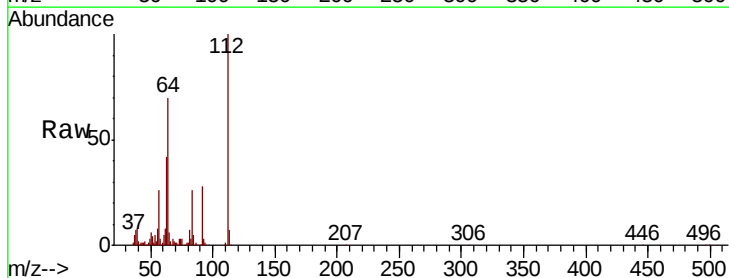
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.270 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	61.4	92.0
63	42.3	37.8	56.6

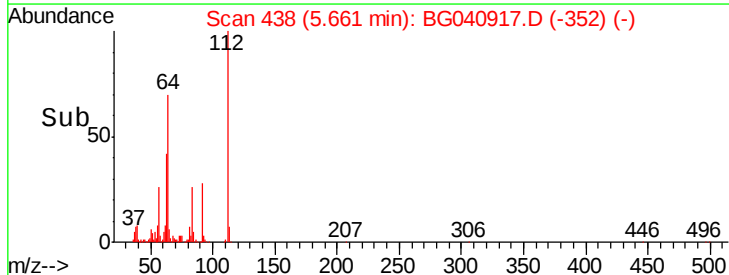
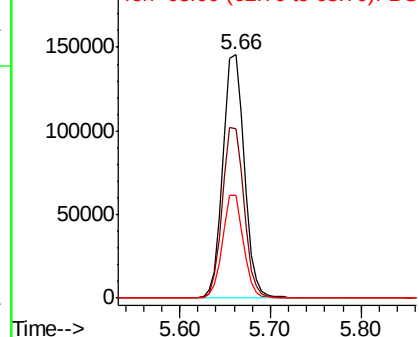


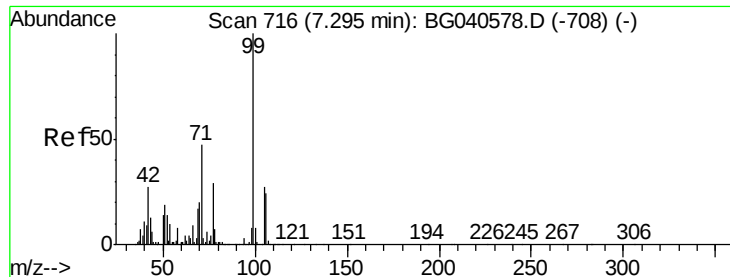
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 99.211 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040917.D

Acq: 13 May 2019 18:48

Instrument :

BNA_G

ClientSampleId :

IDOCBL-S-RC

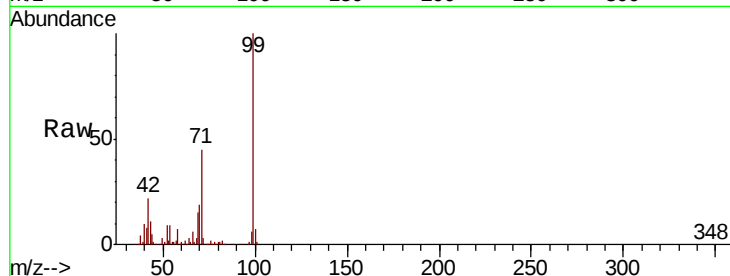
Tot Ion: 99 Resp: 367851

Ion Ratio Lower Upper

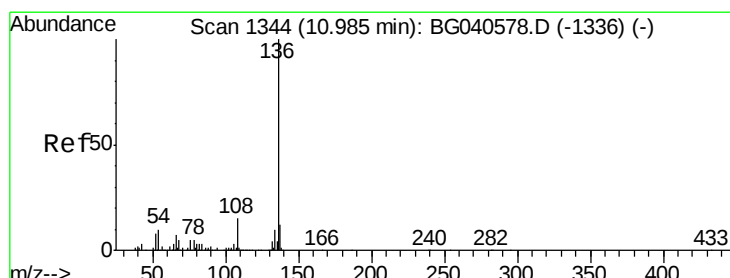
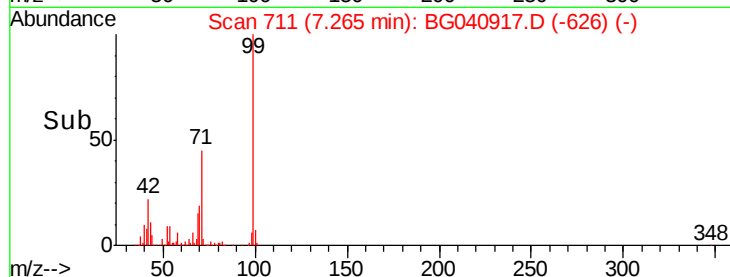
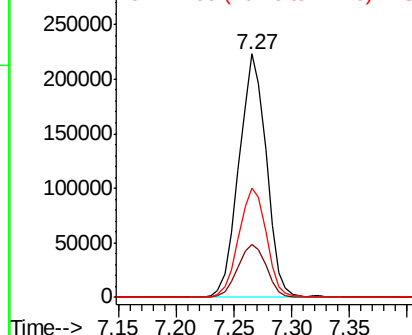
99 100

42 21.6 21.8 32.8#

71 44.7 38.6 57.8



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.04 min

Lab File: BG040917.D

Acq: 13 May 2019 18:48

Tgt Ion: 136 Resp: 176471

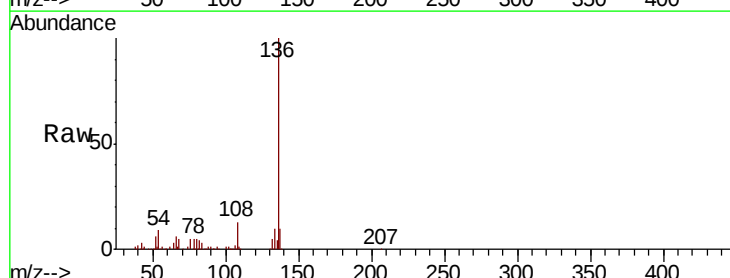
Ion Ratio Lower Upper

136 100

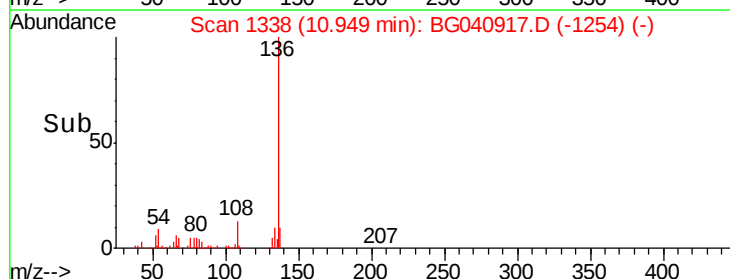
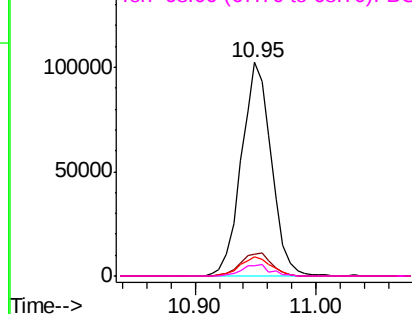
137 10.3 9.7 14.5

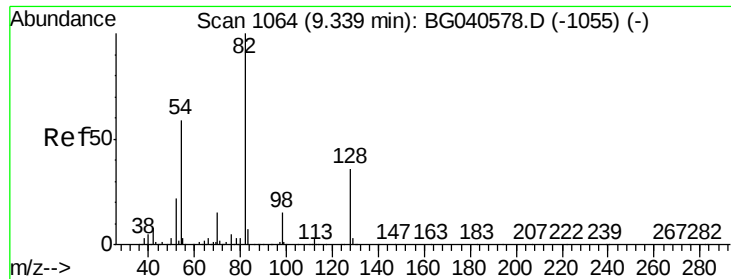
54 9.0 8.6 12.8

68 4.5 4.8 7.2#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

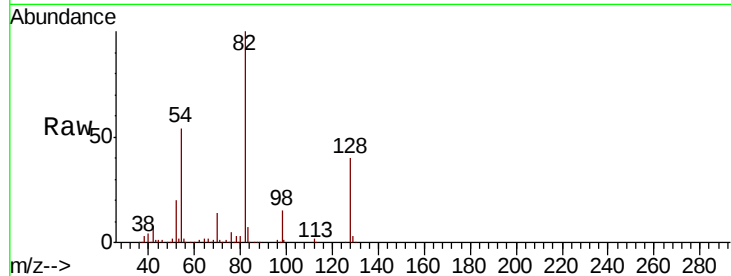




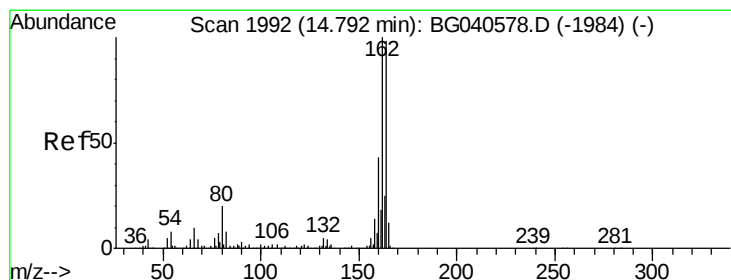
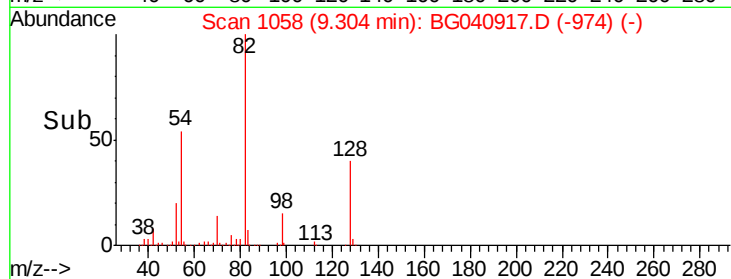
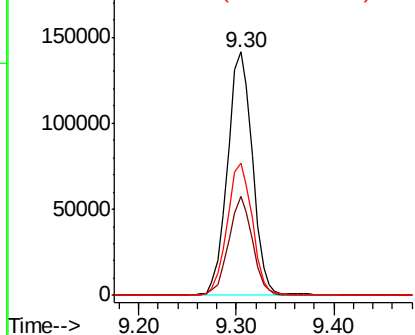
#23
Nitrobenzene-d5
Concen: 65.710 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.04 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	28.9	43.3
54	54.5	47.2	70.8

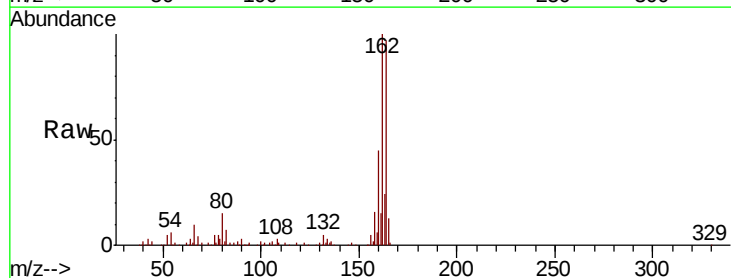


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

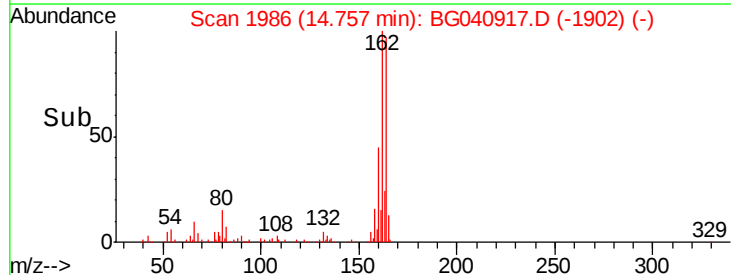
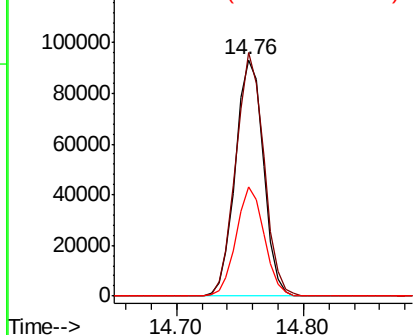


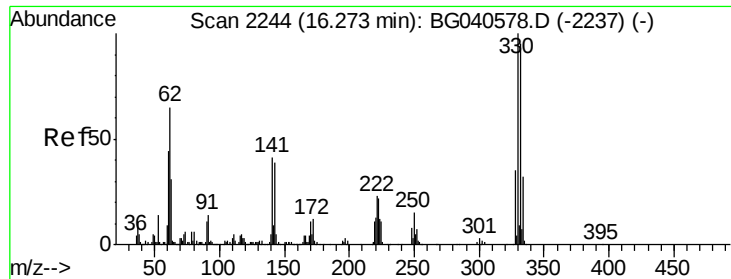
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.04 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.9	122.9
160	46.2	35.4	53.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

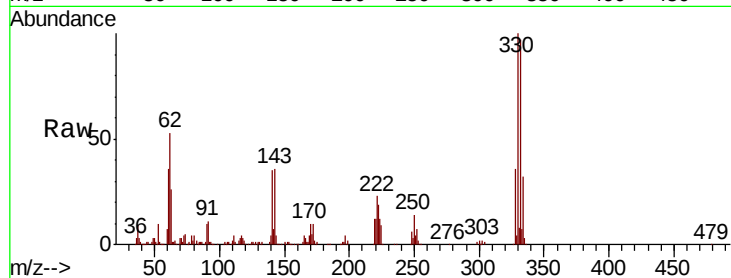




#42
 2,4,6-Tribromophenol
 Concen: 112.175 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.03 min
 Lab File: BG040917.D
 Acq: 13 May 2019 18:48

Instrument :
 BNA_G
 ClientSampleId :
 IDOCBL-S-RC

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.9	113.9
141	35.4	32.4	48.6

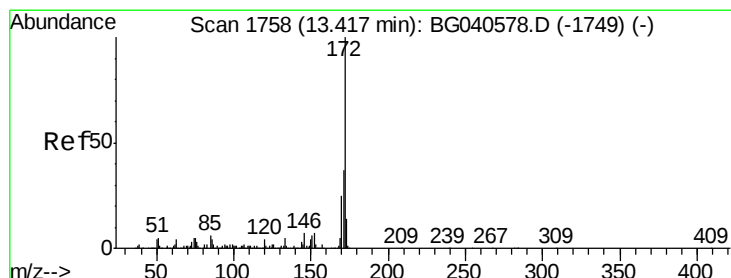
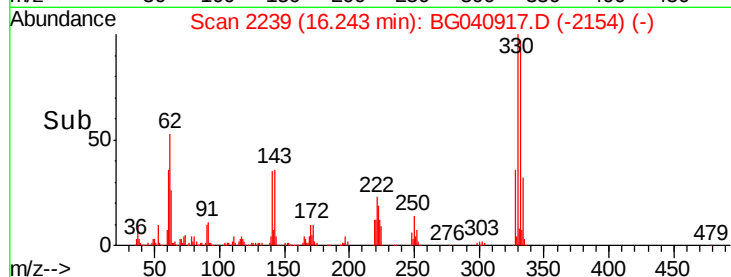
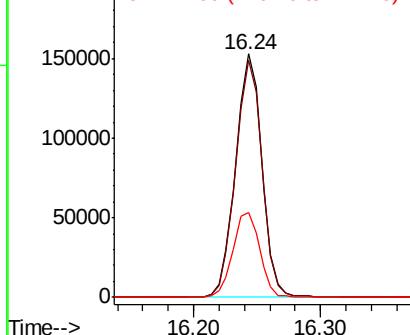


Abundance

Ion 329.80 (329.50 to 330.50): E

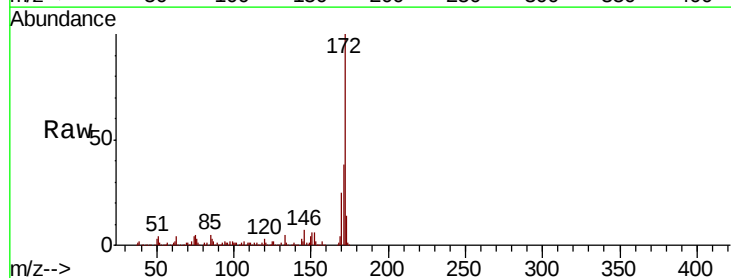
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.055 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.04 min
 Lab File: BG040917.D
 Acq: 13 May 2019 18:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.2
170	24.8	19.9	29.9

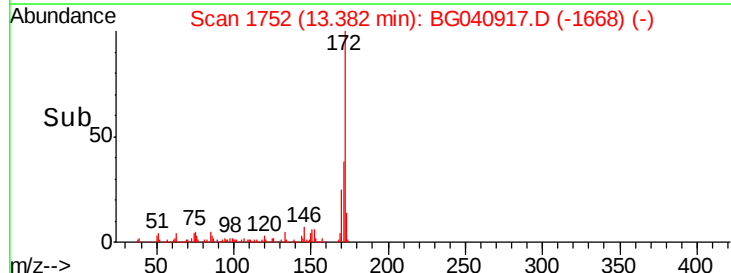
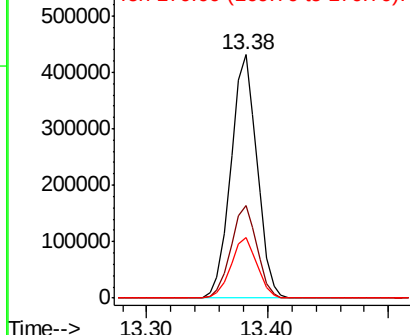


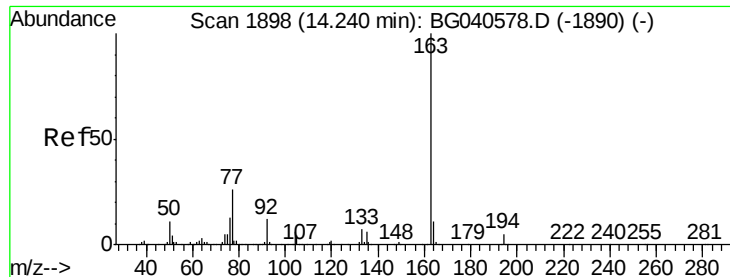
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.027 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.04 min

Lab File: BG040917.D

Acq: 13 May 2019 18:48

Instrument :

BNA_G

ClientSampleId :

IDOCBL-S-RC

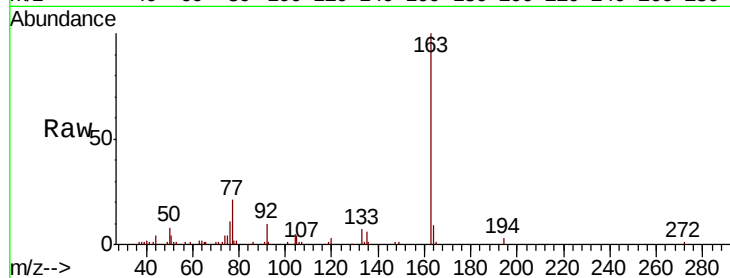
Tot Ion:163 Resp: 47977

Ion Ratio Lower Upper

163 100

194 3.4 3.8 5.8#

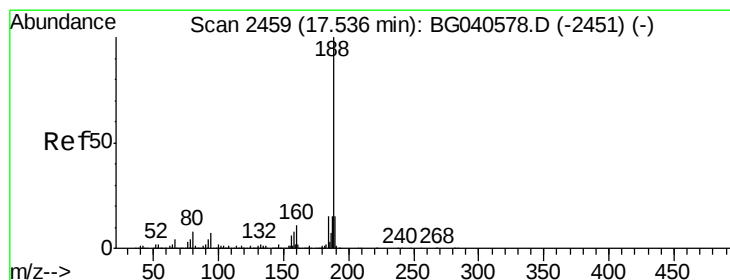
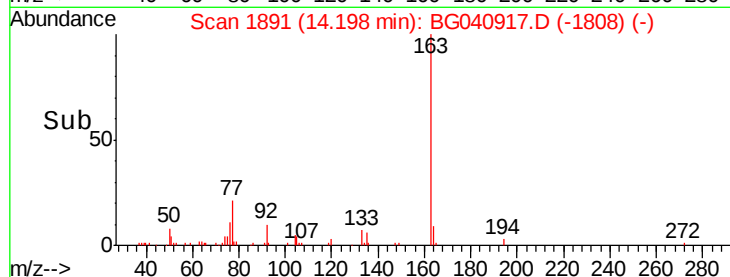
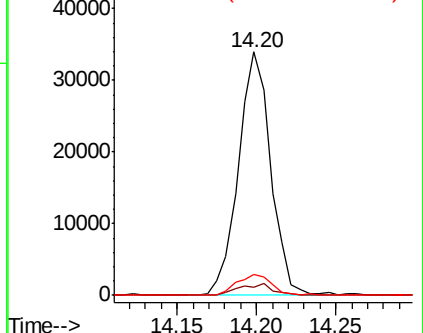
164 8.7 8.8 13.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.04 min

Lab File: BG040917.D

Acq: 13 May 2019 18:48

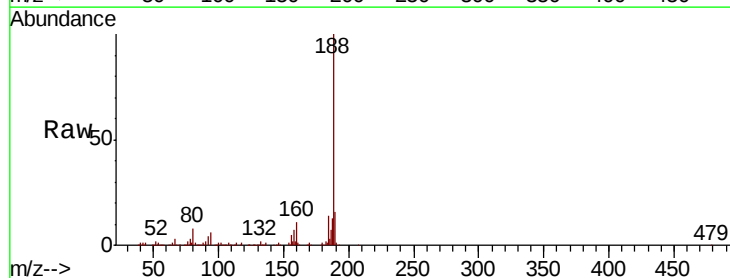
Tgt Ion:188 Resp: 371626

Ion Ratio Lower Upper

188 100

94 5.5 5.6 8.4#

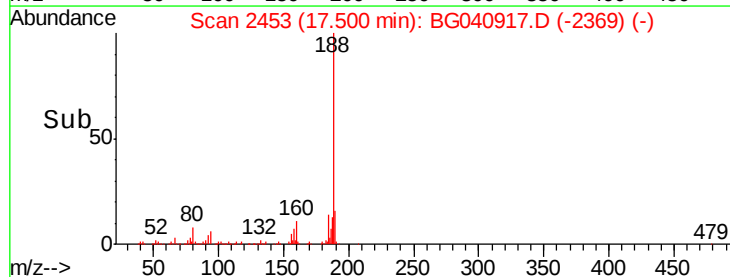
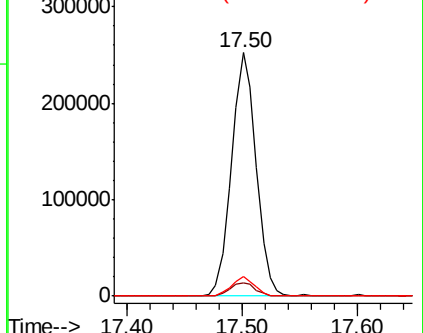
80 7.9 6.4 9.6

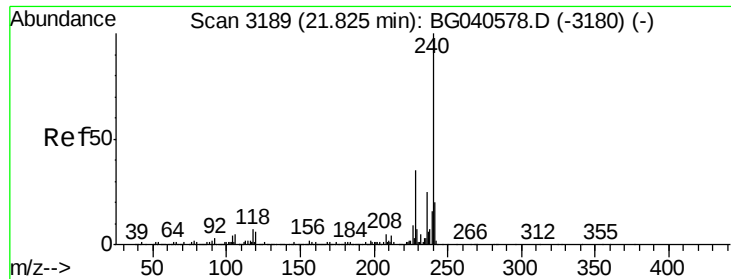


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

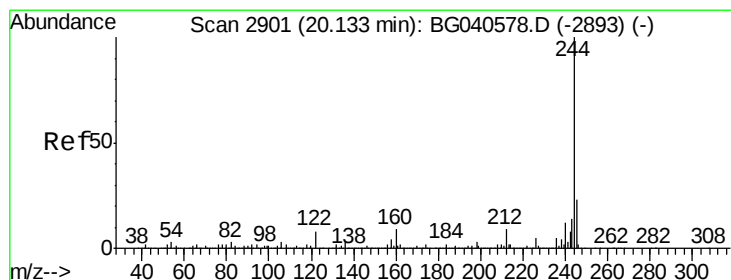
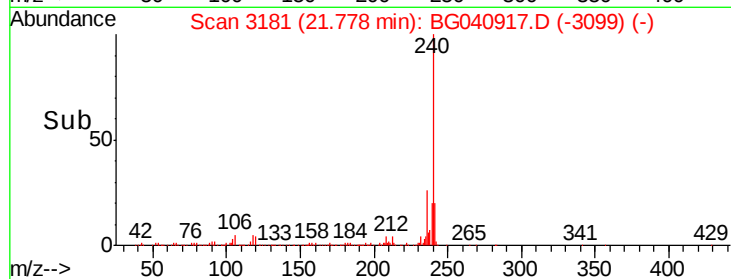
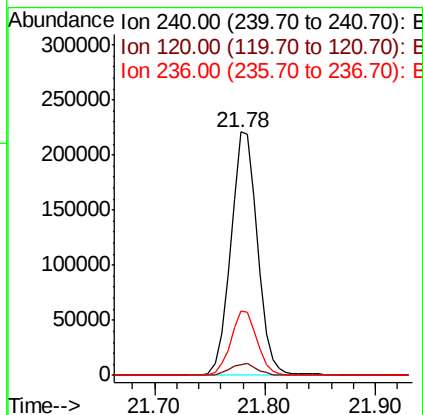
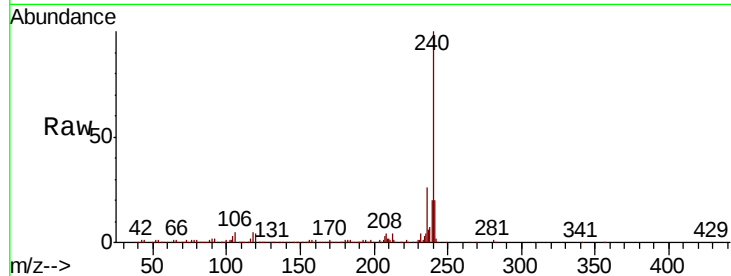




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.05 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

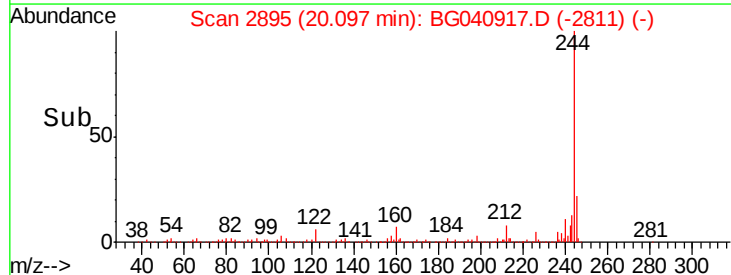
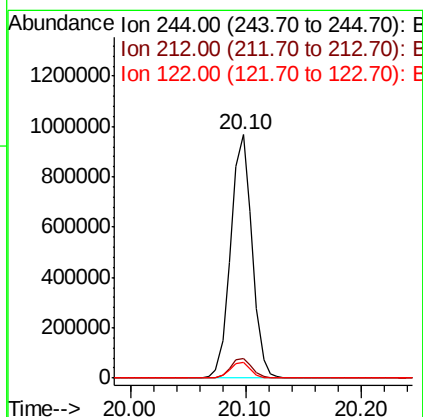
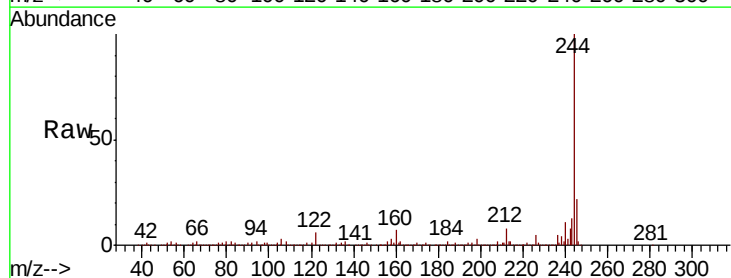
Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

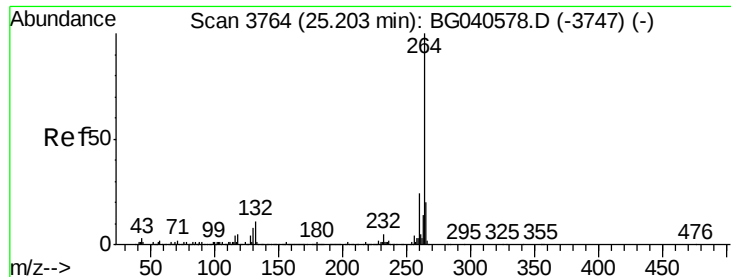
Tot Ion:240 Resp: 374861
Ion Ratio Lower Upper
240 100
120 4.5 5.0 7.6#
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 72.977 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.04 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Tgt Ion:244 Resp: 1234805
Ion Ratio Lower Upper
244 100
212 8.3 7.2 10.8
122 6.4 6.6 10.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.13 min Scan# 3751

Delta R.T. -0.08 min

Lab File: BG040917.D

Acq: 13 May 2019 18:48

Instrument :

BNA_G

ClientSampleId :

IDOCBL-S-RC

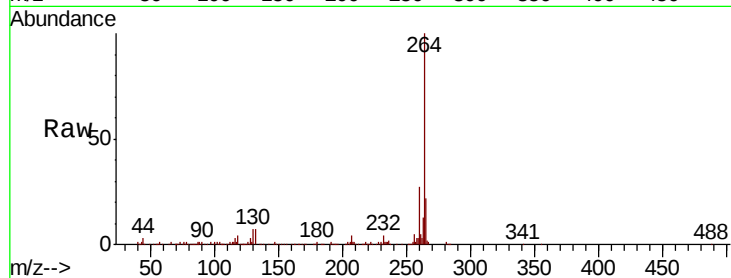
Tot Ion:264 Resp: 404383

Ion Ratio Lower Upper

264 100

260 27.1 19.2 28.8

265 21.8 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

